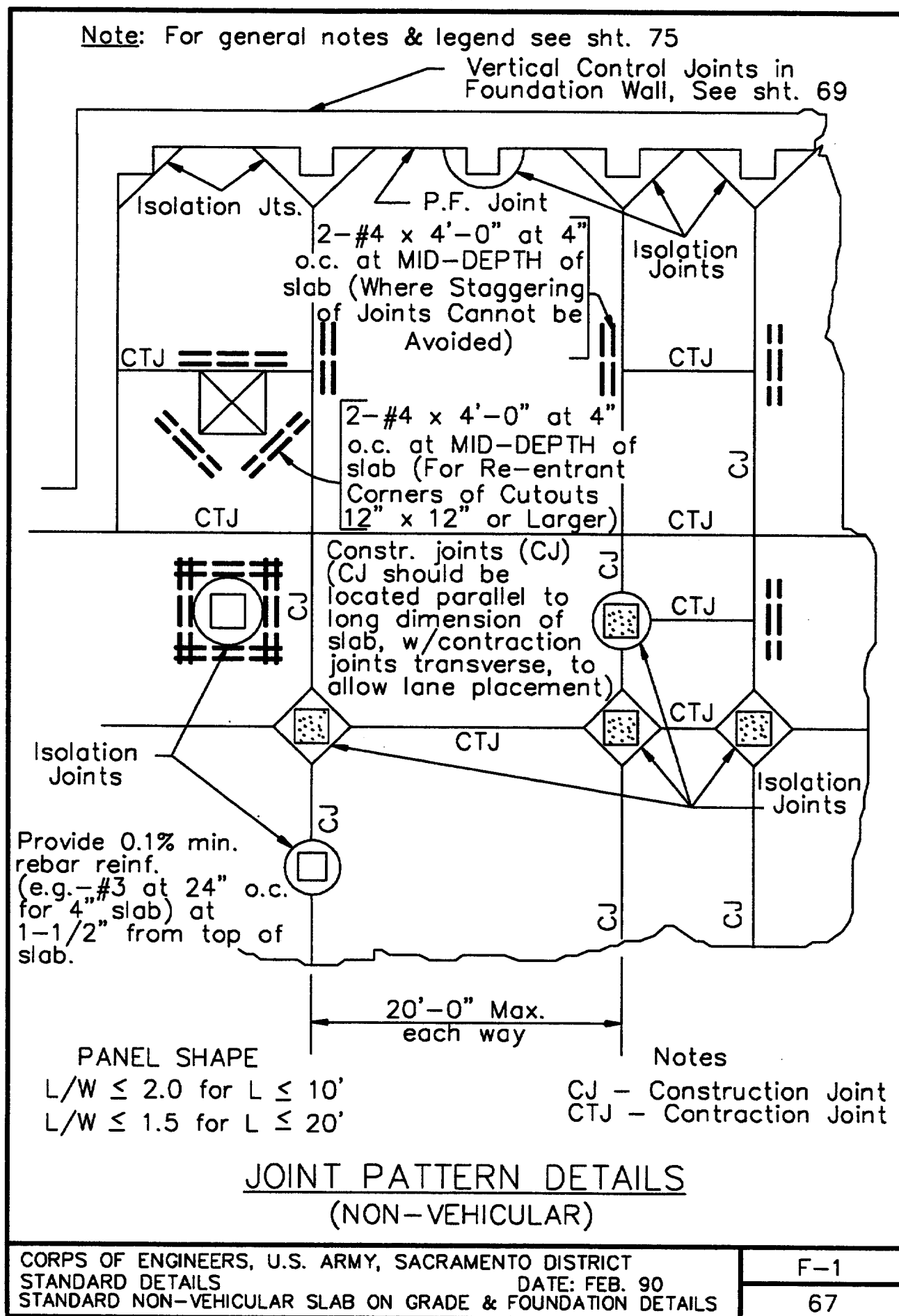


NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

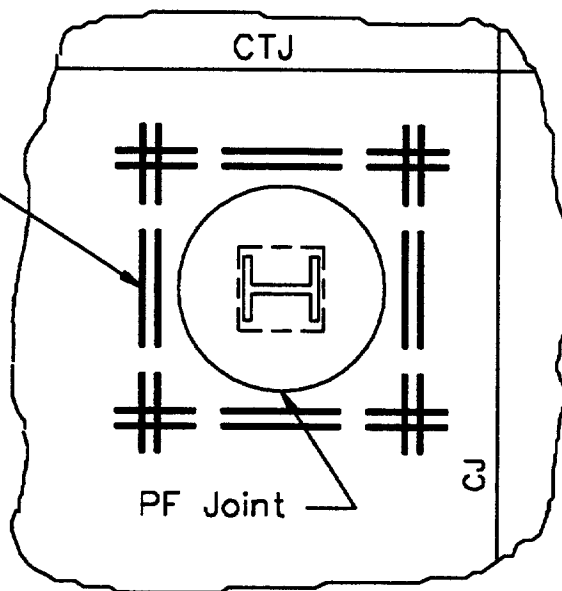


NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

4 Sets of
2-#4 x 4'-0"
(typ.)

Note:

When possible move
joints to intersect
column rather than
use this detail.

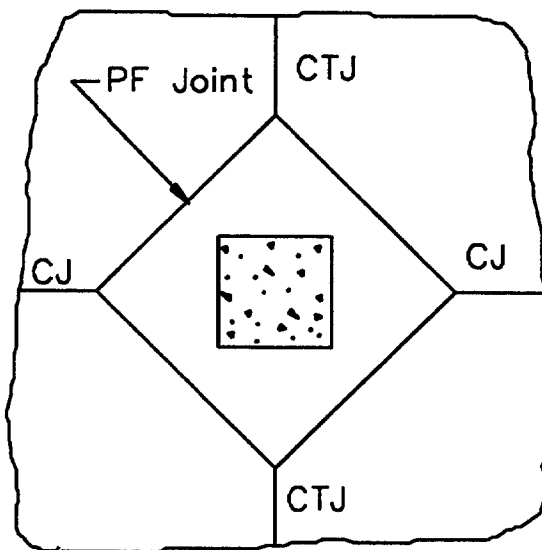


CIRCULAR SHAPED ISOLATION JOINT
NOT CENTERED ON SLAB-ON-GRADE JOINT

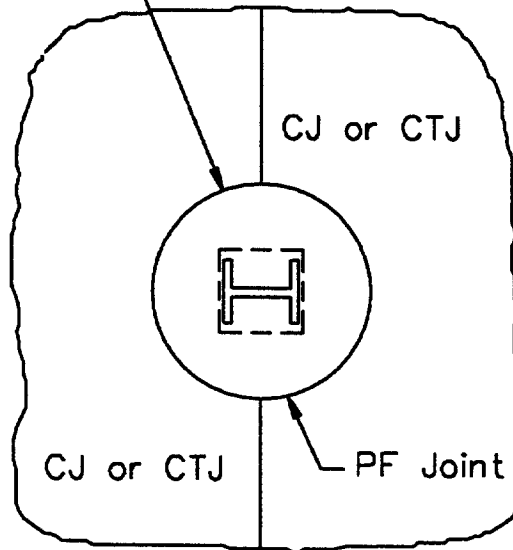
Note:

When joints do not align precisely,
the joints can be angled from their
point of origin, or the collar slab can
be distorted, to insure intersection of
joints and corners of diamonds.

Use circular shaped
joint when column does
not fall at intersection
of slab joints.



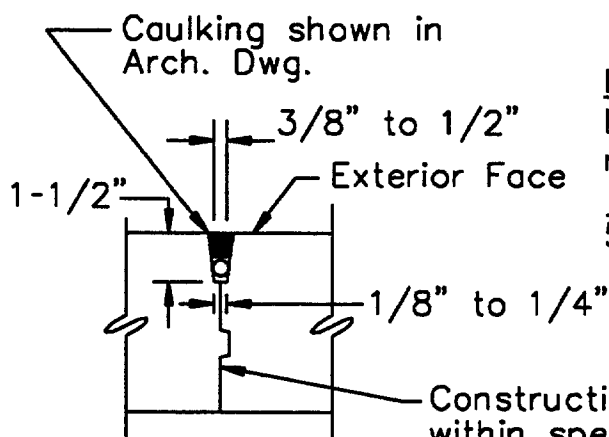
DIAMOND SHAPED



CIRCULAR SHAPED

ISOLATION JOINT DETAILS

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

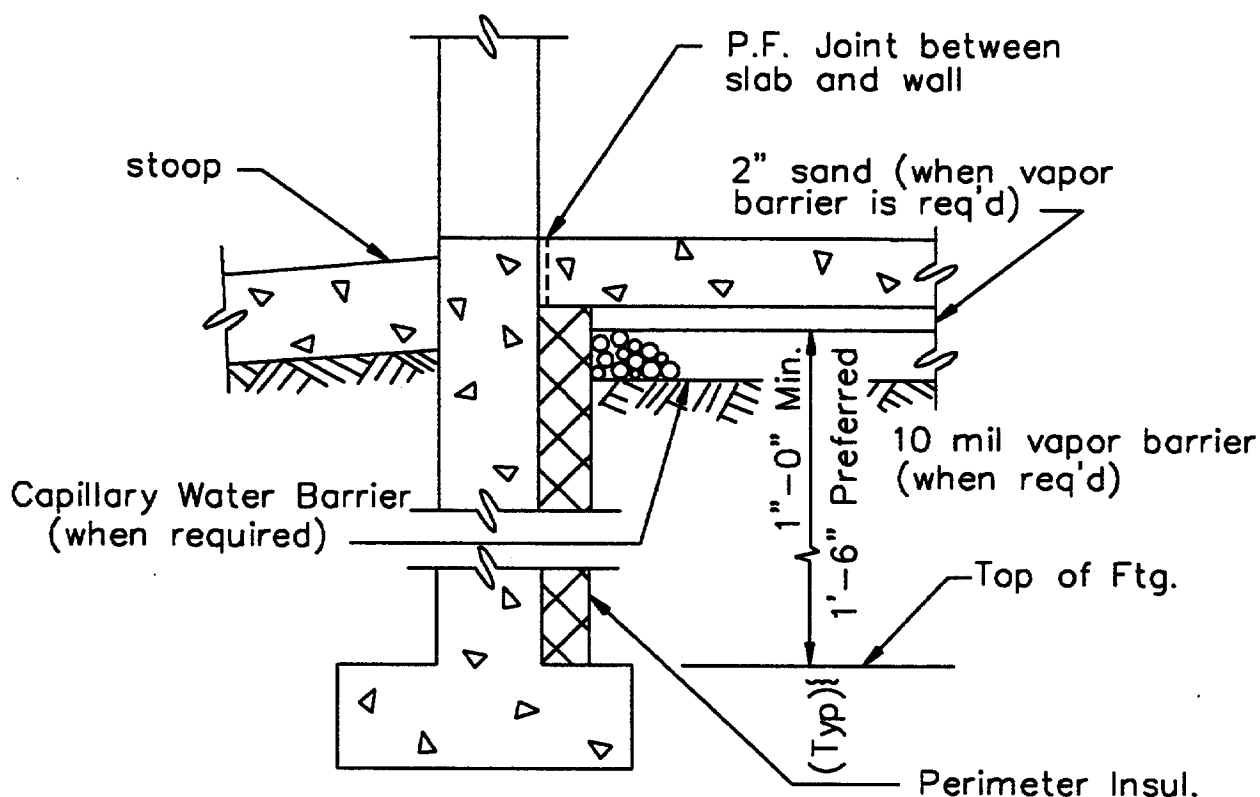


Note:

Locate joints as continuations of masonry and concrete wall control joints. (See TM5-809-2, Para. 5, 6, & 7, for Design information)

Construction joints shall be located to be within specified unit of operation & to coincide with control joints

VERTICAL CONTROL JOINT IN FOUNDATION WALL

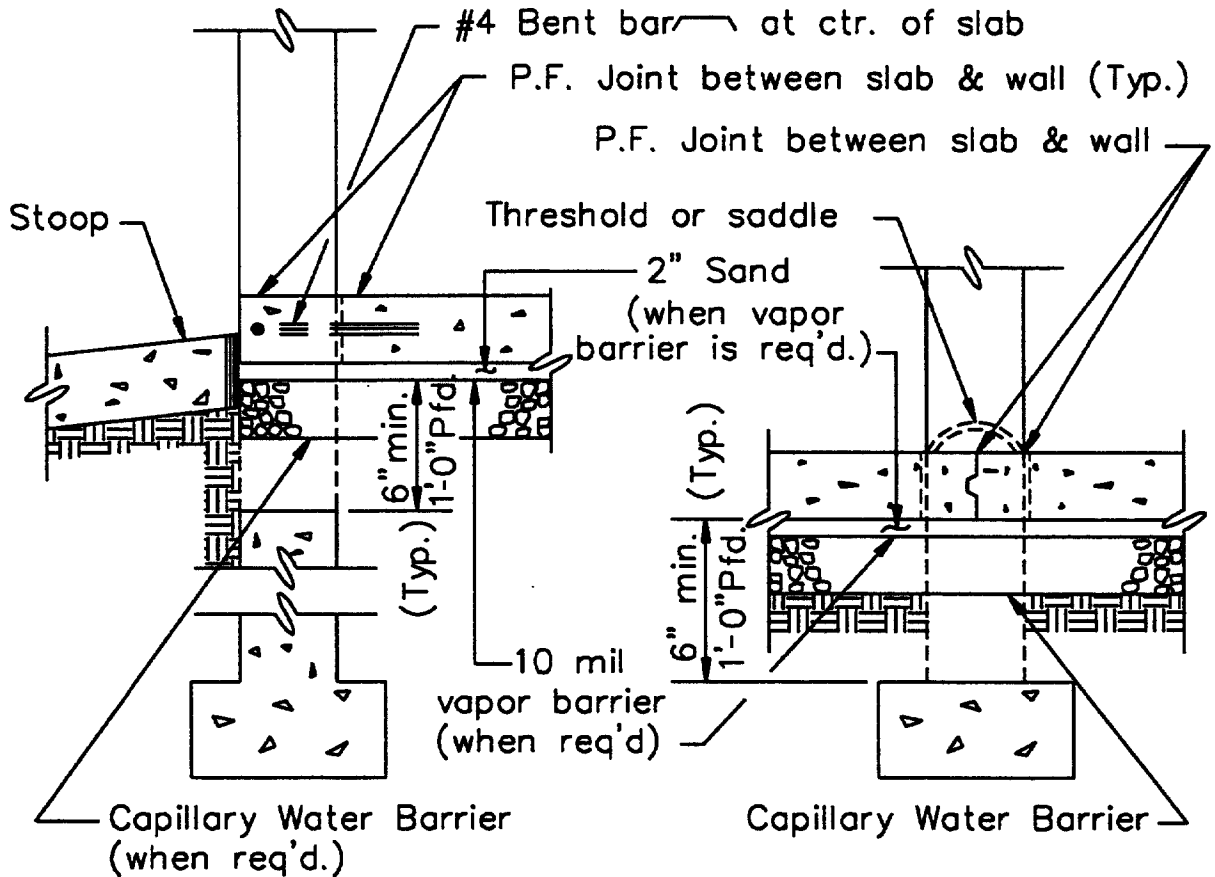


Note: For general notes and legend see sht. 75

EXTERIOR WALL THROUGH DOORWAY (FROST AREA)

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

Note: For general notes and legend see Sht. 75.

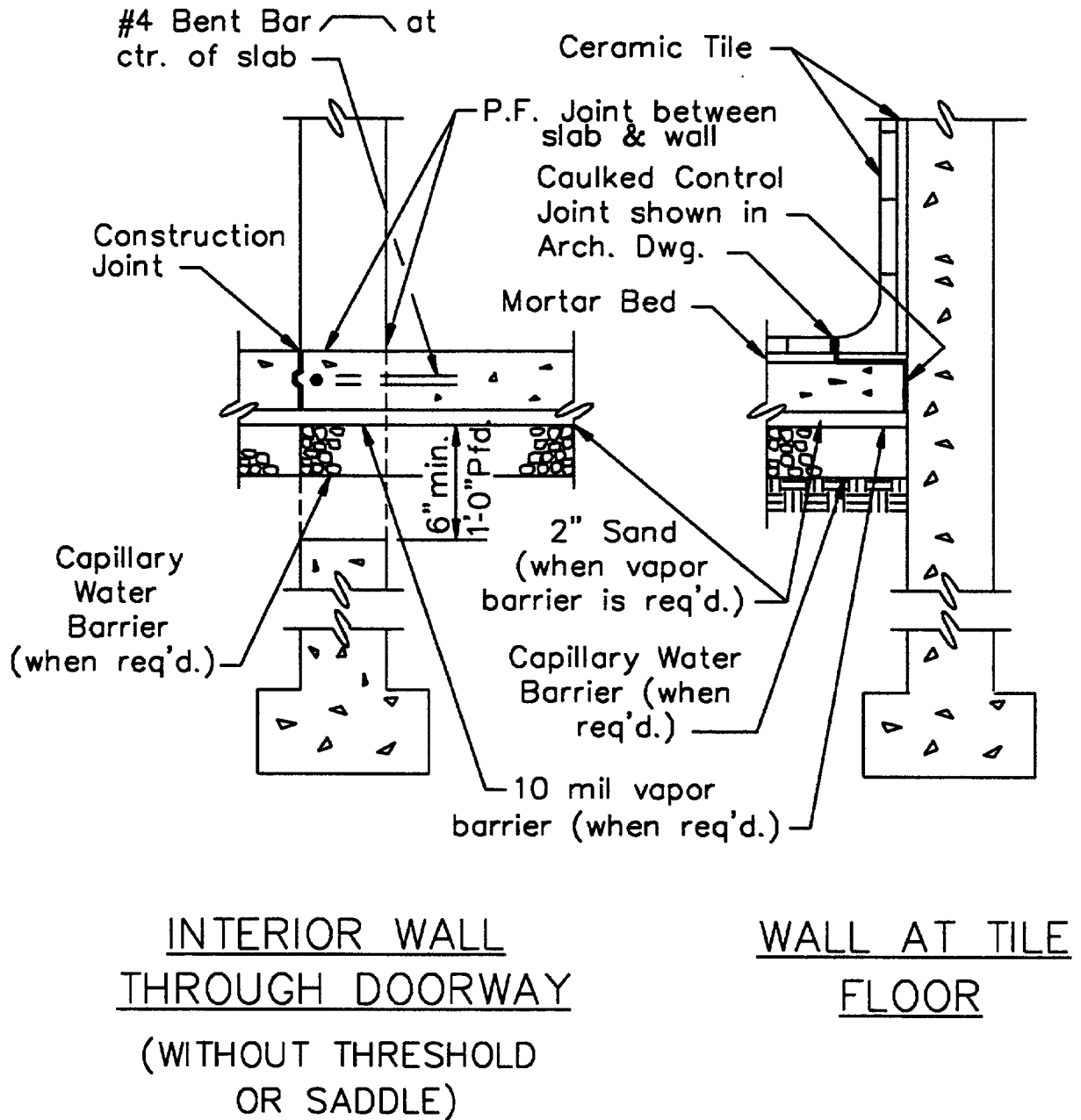


EXTERIOR WALL
THROUGH DOORWAY
(NON-FROST AREA)

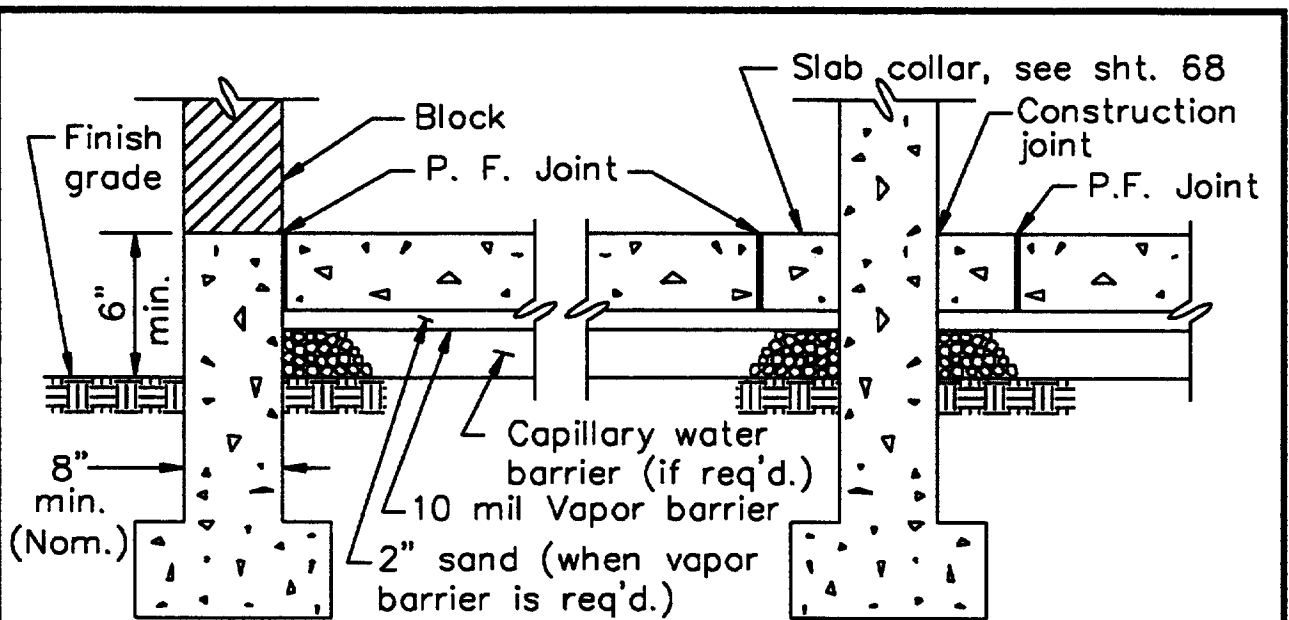
INTERIOR WALL
THROUGH DOORWAY
(WITH THRESHOLD
OR SADDLE)

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

Note: For general notes and legend see sht. 75

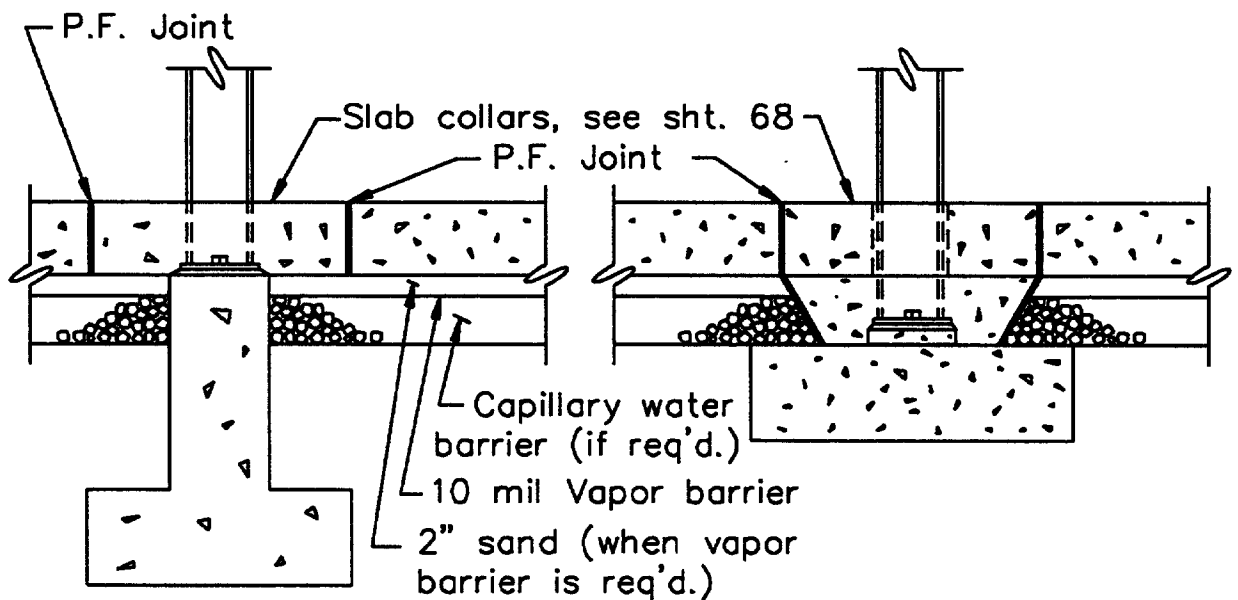


NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



EXTERIOR WALL

CONCRETE COLUMN

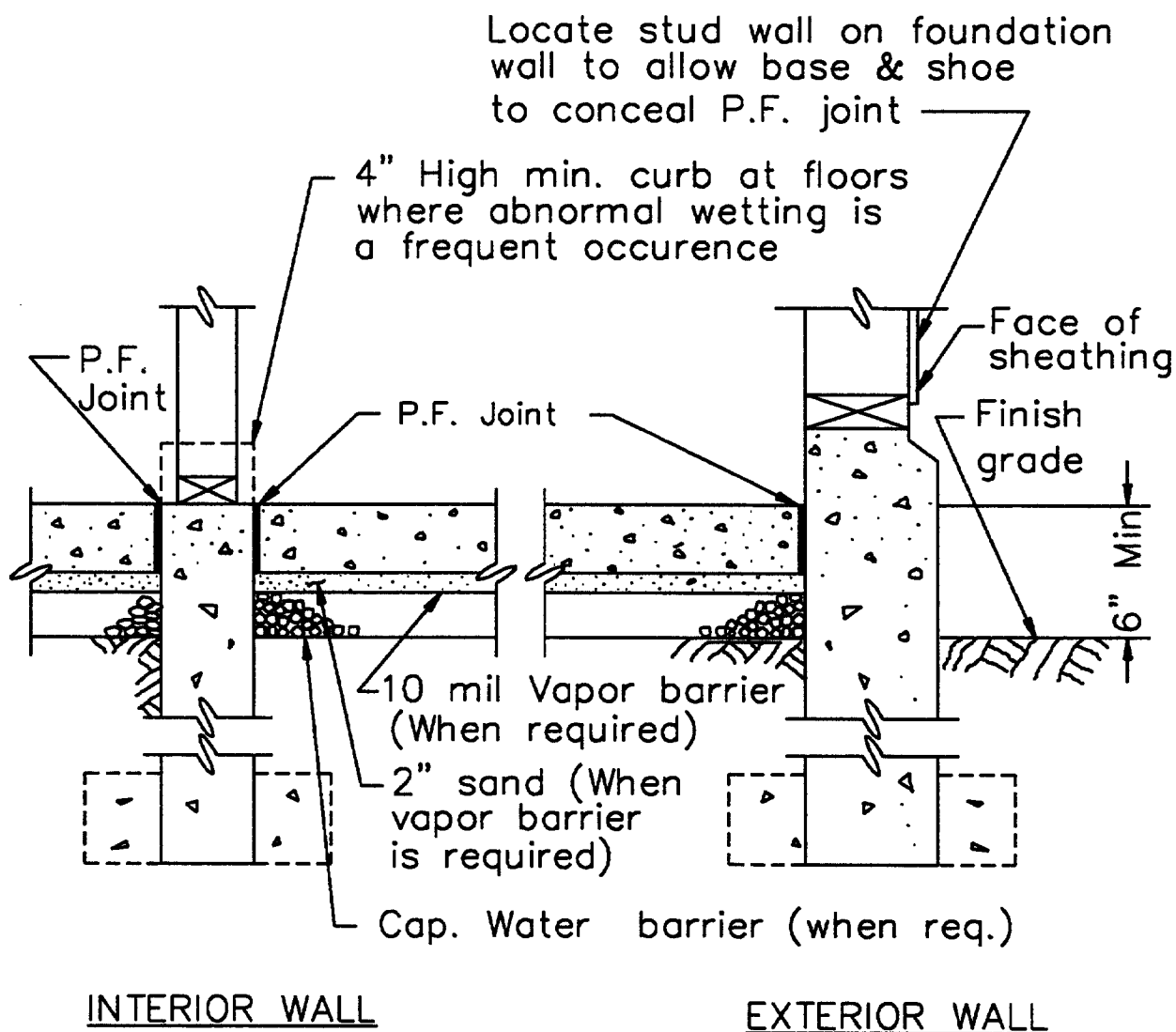


STEEL COLUMNS

Note: For general notes and legend see sht. 75

TYPICAL LOAD BEARING WALLS & COLUMNS

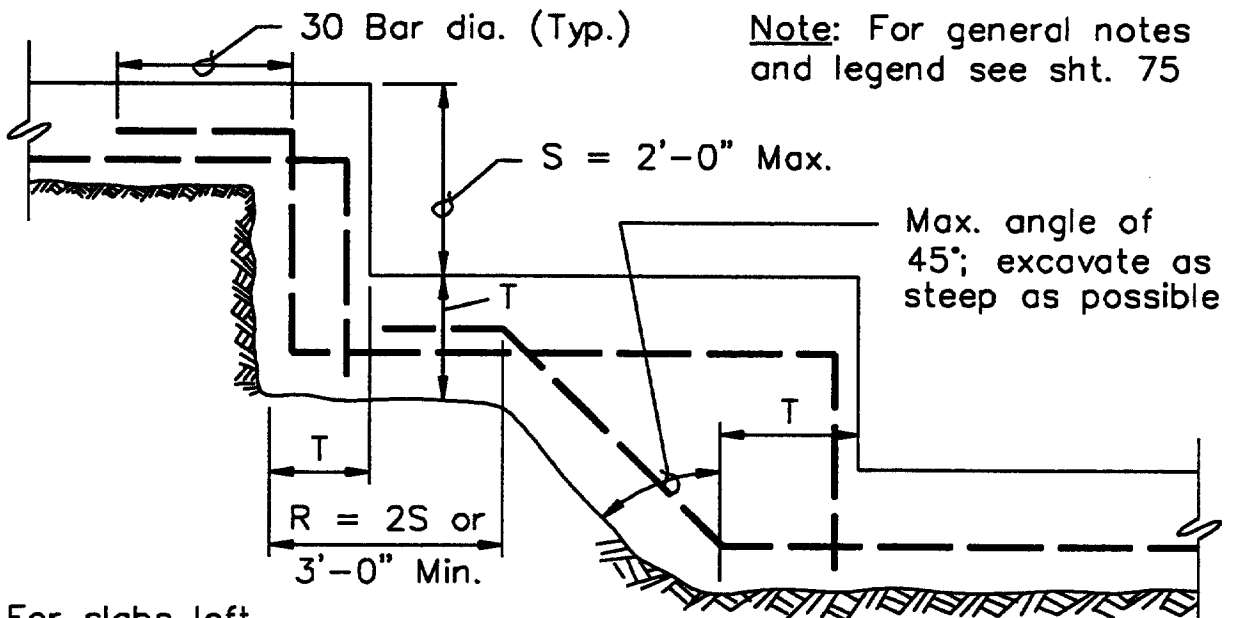
NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



Note: For general notes and legend see sht. 75

TYPICAL LOAD BEARING WALLS & COLUMNS

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

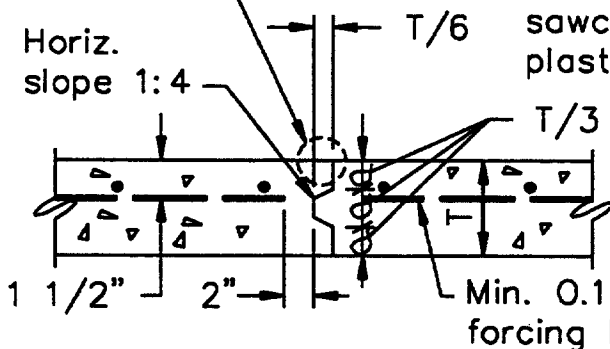


Note: For general notes and legend see sht. 75

STEPPED FOOTING

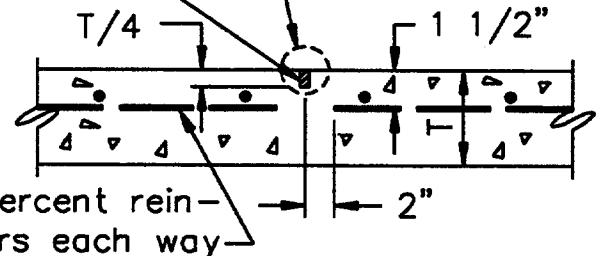
For slabs left exposed see detail "A"

Horiz. slope 1:4



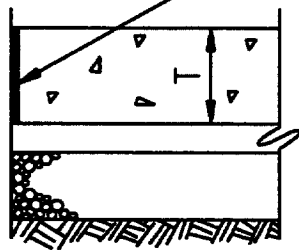
Fiberboard strip or sawcut or premolded plastic insert

For slabs left exposed, see detail "B"



CJ-CONSTRUCTION JOINT

Perimeter felt joint see specs.



PERIMETER FELT JOINT

Bondbreaker or backup rod to prevent bond and keep sealant out of joint.

CTJ-CONTRACTION JOINT

3/8" 1/2" Saw-cut slot for joint sealer Joint sealant see specs.

DETAIL "A"

Saw-cut slot for joint sealer

3/8" 1/2" Bondbreaker or backup rod to prevent bond and keep sealant out of joint

joint sealant see specs.

T/4

DETAIL "B"

1/8" Fiberboard strip or sawcut or premolded plastic insert.

STEPPED FOOTING AND JOINTS

GENERAL NOTES

1. The details apply to interior slabs on grade as prescribed in TM 5-809-2 which will not be subjected to vehicular loads.
2. It is the intent of these standards to provide slabs on grade which are devoid of shrinkage cracks and independent from settlement of the abutting structure. Slabs shall not be tied to walls or footings. Subgrade ties or other means shall be used to transfer lateral loads where required.
3. When capillary water barrier under slab on grade is required, the contract drawings shall show the capillary water barrier on all cross-sections. If capillary water barrier is required only in separate or isolated areas of slabs on grade, the contract plans shall clearly show on cross-sections and/or plan views where capillary water barrier is required. The above instruction also applies to the select fill, vapor barrier and perimeter insulation.
4. Use 3/8" premolded expansion joint filler as follows:
 - a. At the perimeter of slabs where the slab will expand due to radiant heating systems.
 - b. At the perimeter of slabs where the slab will be subject to extreme temperature changes.
 - c. Where structural slabs require isolation from vibrations transmitted through machinery and equipment foundations.
5. Provide construction joints in long direction of slab to allow for lane placement. Contraction joints shall be perpendicular to the construction joints.

LEGEND

P.F. JOINT	Perimeter felt joint
T.	Thickness
S.	Vertical step height
R.	Horizontal run length
CTR.	Center
PFD.	Preferred
CJ	Construction joint
CTJ	Contraction joint
EJ	Expansion joint